|     |          |               |            |          |          |          |           |           |              |              |           |               |       | 327,055  |   |         |                 |              |           |              |         | CROSS, JOHN W. |          |            |           |          |          |           |    |          |          |            |          |
|-----|----------|---------------|------------|----------|----------|----------|-----------|-----------|--------------|--------------|-----------|---------------|-------|----------|---|---------|-----------------|--------------|-----------|--------------|---------|----------------|----------|------------|-----------|----------|----------|-----------|----|----------|----------|------------|----------|
|     | Exa      |               |            |          |          |          |           |           |              |              |           |               |       | xaminer  |   |         |                 |              |           |              |         |                | Art Unit |            |           |          |          |           |    |          |          |            |          |
|     |          |               |            |          |          |          |           |           |              |              |           |               |       |          | Joshua L Pritchett                                |         |                 |              |           |              |         |                |          | 2872       |           |          |          |           |    |          |          |            |          |
|     |          |               | \<br>\     | _        |          | cted     | П         |           | ٢            | T            |           | (T            | hrou  | ugh i    | nume  | ral)    | $\neg$          | ſ            |           |              |         |                | -4 - 4   | 7          | П         |          |          |           |    |          | ]        |            |          |
|     |          | '∐            | Canc       |          |          |          | ance      | belled    |              |              | -         | N Non-Elected |       | ctea     |   |         | Appeal          |              |           |              |         |                |          |            |           |          |          |           |    |          |          |            |          |
|     |          |               | =          | A        | llo      |          | +         |           |              | Restricted   |           |               |       |          |   |         | <u> </u>        | Interference |           |              |         | 0              | Objected |            |           |          |          |           |    |          |          |            |          |
| [   | Cla      | im            |            | _        |          | ate      | )         |           |              |              |           | CI            | Claim |          |   |         | ate             |              |           |              |         | С              | laim     | I          |           | Date     |          |           |    |          |          |            |          |
|     | -        | lal           | 3          | Ž        |          |          | Ī         |           |              |              |           |               | 7     | lal      |   |         |                 |              | T         |              | Γ       | 7              | _        | la         |           |          |          | Τ         | Γ  |          |          |            | <b> </b> |
|     | Final    | Original      | 8/23°0     | pg!      |          |          |           |           |              |              |           |               | Final | Original |   |         |                 |              |           |              |         |                | Final    | Original   |           |          |          |           |    |          |          |            |          |
| į   |          | 0             | V          | 7        |          |          | 1         |           | 士            | 士            |           |               |       | 51       |   |         |                 | $\exists$    | ⇉         | ⇉            | 土       |                |          | 101        |           |          |          | 土         |    |          |          |            |          |
| ŀ   |          | ভাষত          | 7          | 2        | Н        | +        | +         | +         | +            | +            | 4         |               |       | 52<br>53 |   | +-      | $\vdash \vdash$ | 4            | 4         | $\dashv$     | +       | -              | <u> </u> | 102        | $\sqcup$  | 4        | _        | +         | ╀  |          | _        |            | •        |
| ŀ   |          | 4             | \ <u>\</u> | -        | $\vdash$ | +        | ╅         | +         | +            | +            | $\dashv$  |               |       | 54       | ╁┼  | +-      | $\vdash$        | +            | $\dashv$  | +            | ╅       | -              | -        | 103        | Н         | $\dashv$ | +        | ╫         | ╁  | $\vdash$ | ┝        | $\vdash$   | I        |
|     |          | 5             |            |          |          |          | 1         |           |              |              |           |               |       | 55       |   |         |                 |              |           |              |         |                |          | 105        |           | 1        |          | 土         | L  |          |          |            | I        |
| ŀ   | _        | <u>6</u><br>7 | _          | <u> </u> |          | -        | 4         | 4         | +            | 4            | _         |               |       | 56<br>57 | $\vdash$  | +-      | $\sqcup$        | $\dashv$     | 4         | +            | - -     | -              | -        | 106<br>107 | H         | 4        |          | 4         | ╀  | L        | _        | _          | I        |
| ŀ   |          | 8             | $\vdash$   | $\vdash$ | $\dashv$ | +        | +         |           | +            |              |           |               |       | 58       | <del>                                     </del>  | +-      | H               | $\dashv$     | +         | $\dashv$     | +       | -              | -        | 107        | $\vdash$  | ┪        |          | ╁╌        | ╁  | -        | ┝        | -          | I        |
|     |          | 9             |            |          |          |          |           |           |              |              |           |               |       | 59       |   |         |                 |              |           |              |         |                |          | 109        |           |          |          | 工         | 上  |          |          |            | I        |
| ŀ   |          | 10<br>11      | L          | $\vdash$ | $\dashv$ | +        | 4         | +         | +            | 4            | _         |               |       | 60<br>61 | $\vdash$  | +       | Н               | $\dashv$     | $\dashv$  | $\dashv$     | +       | -              | <u> </u> | 110<br>111 | Н         | $\dashv$ |          | ╀         | ╄  | ┡        | _        | _          | I        |
| ŀ   |          | 12            | H          | H        | $\dashv$ |          | +         | +         | +            | ╅            | $\dashv$  |               |       | 62       | $\vdash$  | +-      | $\vdash$        | +            | +         | $\dashv$     | +       | Ⅎ              | -        | 112        | Н         | $\dashv$ |          | +         | ╁  | ┢╌       | -        |            | I        |
| į   |          | 13            |            |          | $\Box$   |          |           |           | 1            | 1            |           |               |       | 63       |   |         |                 |              |           |              | 工       |                |          | 113        |           | _        |          |           |    |          |          |            | I        |
| ŀ   |          | 14<br>15      | -          | -        | -1       | -        | 4         | +         | 4            | +            | -         |               |       | 64<br>65 |   | -       | ╌               | 4            | $\dashv$  | +            | +       | -              | <u> </u> | 114<br>115 | $\square$ | 4        | _        | +         | 1  | ┡        | L        | Ľ          | I        |
| ŀ   |          | 16            | $\vdash$   | _        | $\dashv$ | $\dashv$ | +         | +         | +            | ╅            | -         |               | -     | 66       | 1-  | ╁       | $\vdash$        | +            | +         | +            | +       | -              |          | 116        | $\Box$    | +        |          | +         | ╁  |          | $\vdash$ | H          |          |
|     |          | 17            |            |          |          |          |           |           |              |              |           |               |       | 67       |   |         |                 |              |           |              | ┸       |                |          | 117        |           | _        |          |           |    |          |          |            | I        |
| ŀ   |          | 18<br>19      | -          | -        |          | +        | +         | +         | +            | +            | $\dashv$  |               | -     | 68<br>69 | <del>                                     </del>  | +       | $\vdash$        | +            | +         | +            | - -     | -              |          | 118<br>119 | $\vdash$  | $\dashv$ |          | ┿         | ╀  | -        | -        | _          | I        |
| ŀ   |          | 20            | -          | H        |          | $\dashv$ | ╅         | ╁         | ╅            | ╅            | ┥         |               |       | 70       | ╂╼┼╴  | +-      | $\vdash$        | +            | +         | +            | +       | ┪              | -        | 120        | $\Box$    | +        | +        | +         | ╁  | ┢        | -        |            | I        |
|     |          | 21            |            |          |          |          | 1         | 1         | 1            | 1            |           |               |       | 71       |   |         |                 | $\Box$       | $\Box$    | 1            |         |                |          | 121        |           | 1        |          |           |    |          |          |            | I        |
| ŀ   |          | 22<br>23      | -          | _        | -        | -        | +         | +         | 4            | +            | $\dashv$  |               | _     | 72<br>73 | -   | +-      | $\vdash$        | -            | -         | +            | +       | -              |          | 122<br>123 | $\vdash$  | +        | +        | +         | ╀  | ┝        | _        | -          | I        |
| ŀ   |          | 24            | H          |          |          | +        | $\dagger$ | ╅         | +            | ┪            | ┥         |               |       | 74       | <del>                                      </del> | +       |                 | $\dashv$     | $\dashv$  | 7            | $\perp$ |                |          | 124        |           | T        | +        | $\dagger$ | T  |          |          |            | I        |
| Ţ   |          | 25            |            |          |          |          | I         | 1         | 1            | 1            | $\Box$    |               |       | 75       |   |         |                 | $\Box$       | $\Box$    | $\Box$       | $\perp$ |                |          | 125        | П         | $\Box$   |          |           | L  |          |          |            |          |
| ŀ   |          | 26<br>27      | L          | !        | $\dashv$ | +        | +         | +         | +            | +            | 4         |               |       | 76<br>77 | -   | +       | $\vdash$        | $\dashv$     | $\dashv$  | +            | ╬       | -              |          | 126<br>127 | H         | $\dashv$ |          | ╬         | ╁  | ├        | ├        | $\vdash$   |          |
| ľ   |          | 28            |            |          |          |          | $\dagger$ | $\dagger$ | $^{\dagger}$ | $\dagger$    | $\exists$ |               | _     | 78       |   |         | H               | $\top$       | 1         | $\dagger$    |         |                |          | 128        | H         | 7        | <b>-</b> | 1         |    |          |          |            | ļ        |
| [   |          | 29            |            |          |          | $\Box$   | Ţ         | $\perp$   | Ţ            | $\perp$      |           |               |       | 79       | П   |         | $\Box$          | $\Box$       | $\Box$    | $\perp$      | $\perp$ | ]              |          | 129        | П         | $\Box$   | $\Box$   | I         |    |          |          |            | !        |
| - } | $\dashv$ | 30<br>31      | $\vdash$   | Н        | $\dashv$ | +        | +         | +         | +            | +            | $\dashv$  |               |       | 80<br>81 | $\vdash$  | +       | $\vdash \vdash$ | $\dashv$     | $\dashv$  | +            | +       | -              | -        | 130<br>131 | ╂╌┤       | +        | +        | +         | +  | -        | -        | Н          |          |
| t   |          | 32            |            |          |          | 士        | 士         | 土         | 士            | 士            |           |               |       | 82       |   | 士       |                 | 士            | 士         | 士            | 士       | _              |          | 132        |           | 士        | 土        | 土         |    |          |          |            | 1        |
| ļ   |          | 33            |            |          |          |          | 4         | $\perp$   | $\downarrow$ | 1            | 4         |               |       | 83       | Ш   |         | П               | 4            | 4         | $\downarrow$ | 1       | _              |          | 133        |           |          | _        | 1         |    | L        |          |            | !        |
| -   |          | 34<br>35      |            | Н        | $\dashv$ |          | +         | +         | +            | +            | $\dashv$  |               |       | 84<br>85 | ╂╾╂╾  | ╁       | Н               | $\dashv$     | $\dashv$  | +            |         | -              | -        | 134        | $\vdash$  | +        | +        | +         | ╁  | -        | -        | Н          | İ        |
| į   |          | 36            |            |          |          |          | $\pm$     | $\top$    | 1            | $\pm$        |           |               |       | 86       |   |         |                 |              |           | $\top$       | $\pm$   |                |          | 136        | $\Box$    | 1        | 士        | 土         | L  |          |          |            |          |
| 1   | _        | 37            |            |          |          |          | 4         |           | 4            | 4            | _         |               |       | 87       | -   | _       | $\Box$          | 4            | 4         | 4            | 4       | _              | <u> </u> | 137        | Н         | 4        |          | 4         | ļ. | L        | L        | L          |          |
| - } |          | 38<br>39      | -          |          | -        | -        | ╁         |           | +            | ╁            | -         |               |       | 88<br>89 | <del> </del>                                      | ╁       | $\vdash$        | +            | +         | +            | ╁       | -              | -        | 138<br>139 | ╁┤        | +        | +        | ╁         | ╁╴ | ⊢        | ┝        | $\vdash$   | }        |
| į   |          | 40            |            |          |          |          | 1         |           | 士            | 1            |           |               |       | 90       |   |         |                 |              | 士         | $\exists$    | 士       |                |          | 140        |           |          |          | 士         |    | İ        |          |            | l        |
|     |          | 41            |            |          | $\neg$   |          | 4         | 4         | 4            | $\downarrow$ | _         |               |       | 91       | $\vdash$  | $\perp$ |                 | $\dashv$     | 4         | 4            | Ţ       |                |          | 141        | П         | $\Box$   | 4        | T         | Ľ  |          |          |            | ļ        |
| ŀ   |          | 42<br>43      | H          |          | $\dashv$ | +        | +         | +         | ┿            | ╁            | -         |               |       | 92<br>93 | ╁   | ╁       | Н               | $\dashv$     | +         | $\dashv$     | ╫       | 4              |          | 142        | $\vdash$  | +        | +        | +         | ╁  | H        | -        | H          |          |
| t   |          | 44            |            |          |          | 土        | 1         | $\pm$     | 1            | İ            |           |               |       | 94       |   | 士       |                 | $\exists$    | $\exists$ |              |         |                |          | 144        |           |          | 1        | T         | T  |          |          |            | 1        |
|     |          | 45            | Ľ          | Ц        | Д        | $\perp$  | $\bot$    | 7         | 1            | 7            | $\Box$    |               |       | 95       |   | $\perp$ | П               | $\Box$       | $\bot$    | Ţ            | Ţ       | ]              |          | 145        | П         | 7        | $\bot$   | T         | L  |          |          |            |          |
| }   |          | 46<br>47      | -          | Н        | $\dashv$ | $\dashv$ | +         | +         | +            | +            |           |               |       | 96<br>97 | <del>                                     </del>  | +-      | $\vdash$        | $\dashv$     | $\dashv$  | +            | +       | -              | -        | 146        | $\vdash$  | +        | +        | +         | ╁  | Ͱ        | $\vdash$ | -          |          |
| t   |          | 48            |            |          | $\Box$   |          | 1         | $\perp$   | 1            | 土            |           |               |       | 98       |   |         |                 |              | $\exists$ | 土            | 1       |                |          | 148        |           | ╛        | 士        | $\pm$     |    |          |          |            |          |
| -   | ]        | 49            | F          | ert      | $\dashv$ | $\bot$   | 1         | 4         | 1            | 1            | _         |               |       | 99       | H   | $\perp$ | П               | 4            | 耳         | 4            | Ţ       | 4              |          | 149        | $\Box$    | 4        | Ţ        | T         | F  | Г        |          |            |          |
| ι   |          | 50            | L          | لبا      |          |          |           |           | _L           |              | :         | :::           | L     | 100      |   |         | Щ               | L            |           |              |         | ∷ل_            | ــــا    | 150        | Ļ         |          |          | 丄         |    |          | L        | <u>L</u> . | I        |
|     |          |               |            |          |          |          |           |           |              |              |           |               |       |          |   |         |                 |              |           |              |         |                |          |            |           |          |          |           |    |          |          |            |          |

Application No.

Index of Claims

Applicant(s)